

**21 November 2019 / Number 46**

## Surveillance System in Tokyo, Japan

The infectious diseases which all physicians must report

All physicians must report to health centers the incidence of the diseases which are shown at page one. Health centers electronically report the individual cases to Tokyo Metropolitan Infectious Disease Surveillance Center.

The infectious diseases required to be reported by the sentinels

The numbers of patients who visit the sentinel clinics or hospitals during a week are reported to health centers in Tokyo. And they electronically report the numbers to Tokyo Metropolitan Infectious Disease Surveillance Center. We have about 500 sentinel clinics and hospitals in Tokyo.

Tokyo Metropolitan Institute of Public Health

TEL:81-3-3363-3213 FAX:81-3-5332-7365

e-mail:[www@tokyo-eiken.go.jp](mailto:www@tokyo-eiken.go.jp)

URL:[idsc.tokyo-eiken.go.jp/](http://idsc.tokyo-eiken.go.jp/)

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Number of patients with the diseases which all physicians must report

Category	Diseases	Tokyo					Japan	
		43rd	44th	45th	46th	Cum 2019	46th	Cum 2019
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	54	79	52	63	2,797	300	18,675
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera					2		5
	Shigellosis	1	1	2	1	20	1	91
	Enterohemorrhagic Escherichia coli infection	8	5	6	2	363	62	3,461
	Typhoid fever					3		34
	Paratyphoid fever			1		4	2	18
IV	Hepatitis E	3	2	2	1	115	6	435
	West Nile fever							
	Hepatitis A	4		2	2	133	6	397
	Echinococcosis							18
	Yellow fever							
	Psittacosis					3		13
	Omsk hemorrhagic fever							
	Relapsing fever						1	6
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							2
	Monkeypox							
	Zika virus infection							3
	Severe Fever with Thrombocytopenia Syndrome					1		96
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever			1		9		44
	Scrub typhus(Tsutsugamushi disease)					1	21	142
	Dengue fever	1	4	4	2	120	8	425
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						6	296
	Japanese encephalitis							7
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis					1		2
	Venezuelan equine encephalitis							
	Hendra virus infection							
Epidemic typhus								
Botulism							1	
Malaria		1	2		19	1	51	
Tularemia								
Lyme disease	1				1		17	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis							2	
Legionellosis	4	3	5	3	169	28	2,113	
Leptospirosis			1		9	1	28	
Rocky mountain spotted fever								

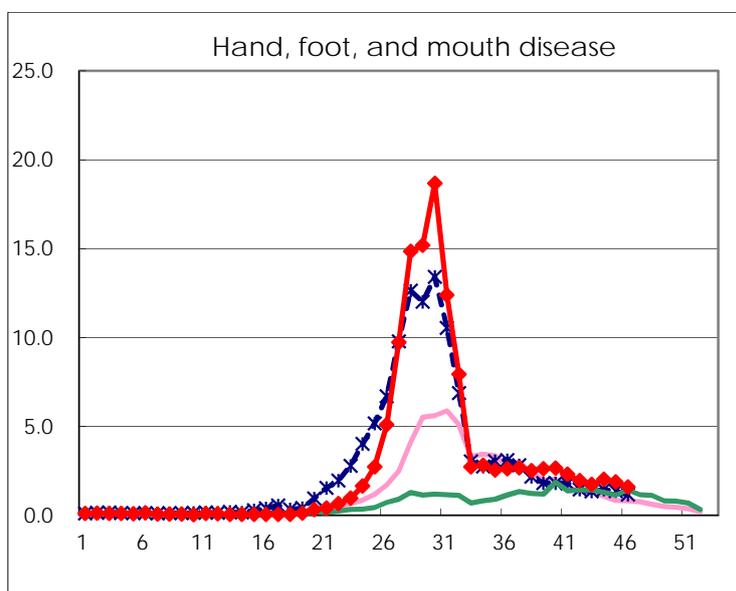
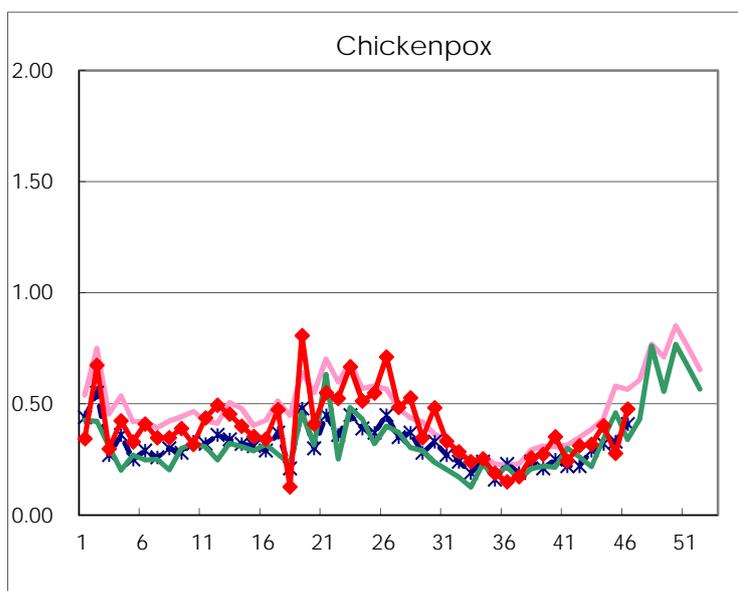
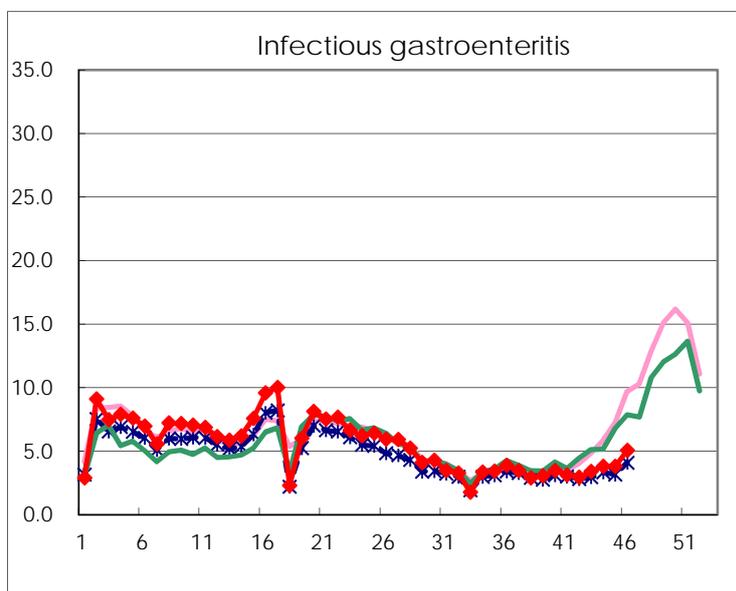
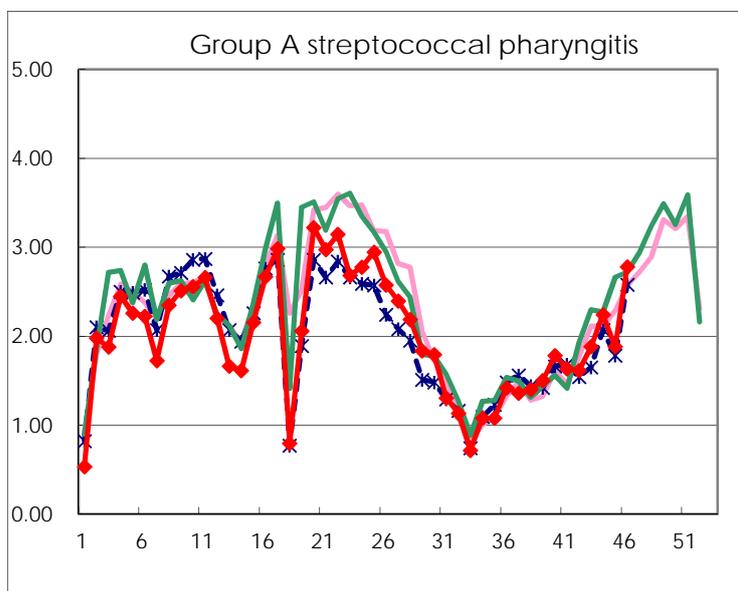
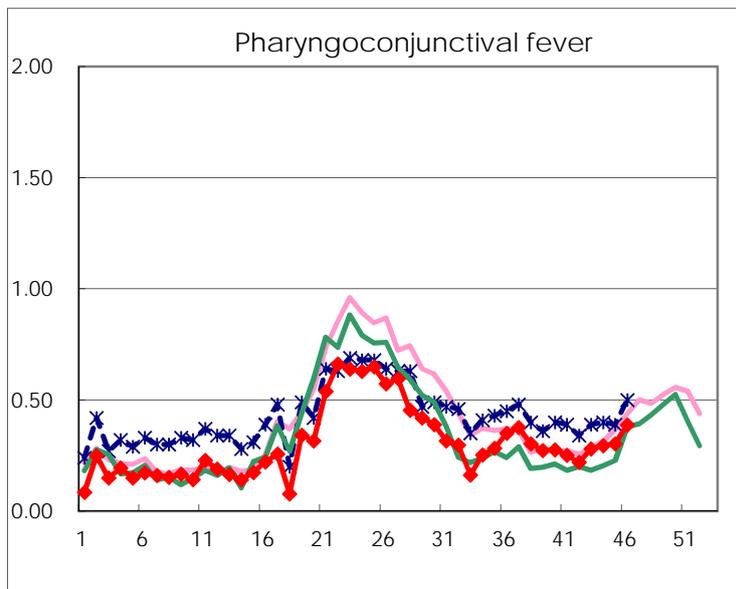
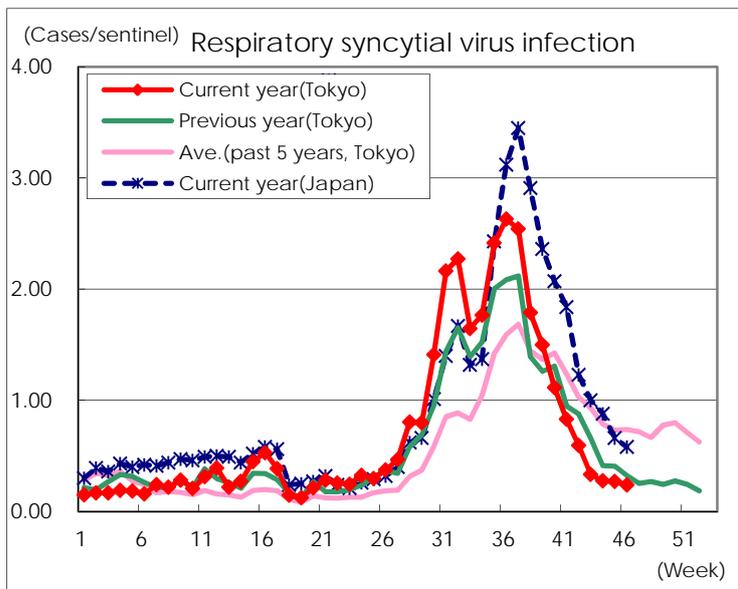
Category	Diseases	Tokyo					Japan	
		43rd	44th	45th	46th	Cum 2019	46th	Cum 2019
V	Amebiasis	4	3	3	2	143	14	757
	Viral hepatitis(excluding hepatitis A and E)	2	4	3	3	89	1	296
	CRE infection	6	10	8	2	201	31	1,991
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)					5	1	67
	Acute encephalitis(excluding JE and WNE)	3	2	1		72	6	755
	Cryptosporidiosis					4		19
	Creutzfeldt-Jakob disease	1	1			17	3	170
	Severe invasive streptococcal infections(TSLS)	3	2	3	4	111	14	807
	Acquired immunodeficiency syndrome (AIDS)	9	4	13	15	350	11	1,054
	Giardiasis	2	1	1		9	1	45
	Invasive <i>Haemophilus influenzae</i> disease	1	1	3	3	78	3	480
	Invasive meningococcal disease					4	1	43
	Invasive pneumococcal disease	3	12	2	7	318	58	2,769
	Varicella (limited to hospitalized case)	2	2	2		65	8	418
	Congenital rubella syndrome		1			2		4
	Syphilis	32	30	27	24	1,515	77	5,817
	Disseminated cryptococcosis		1			11	2	132
	Tetanus		1		1	8		113
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection		1		1	8	2	70
	Pertussis	23	33	10	23	1,239	230	15,226
Rubella	2	4	1		851	3	2,263	
Measles				1	121	1	731	
MDRA infection					2		24	

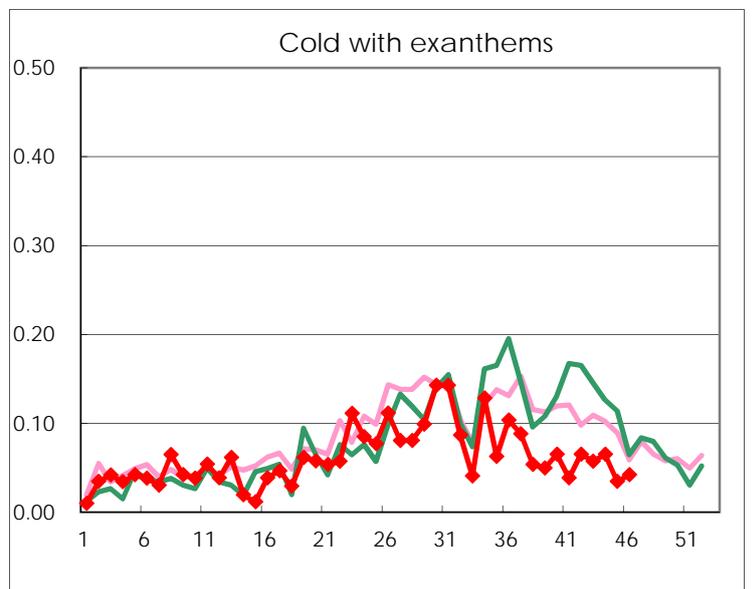
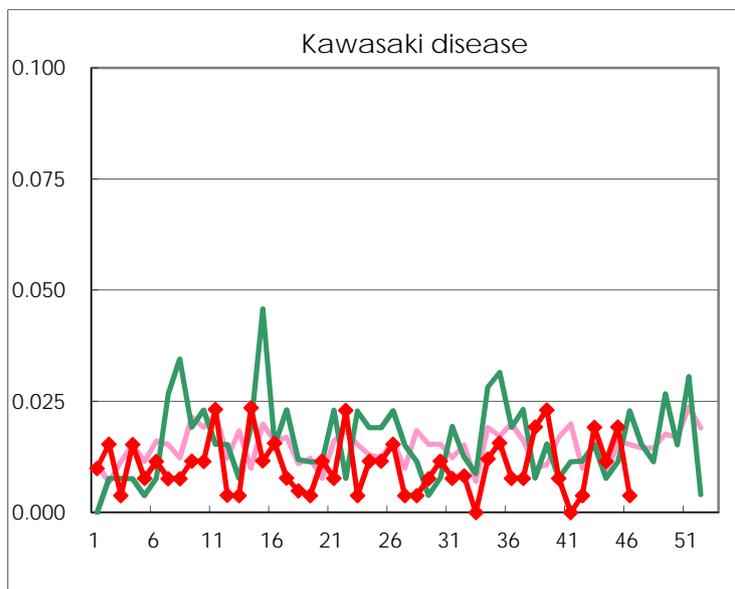
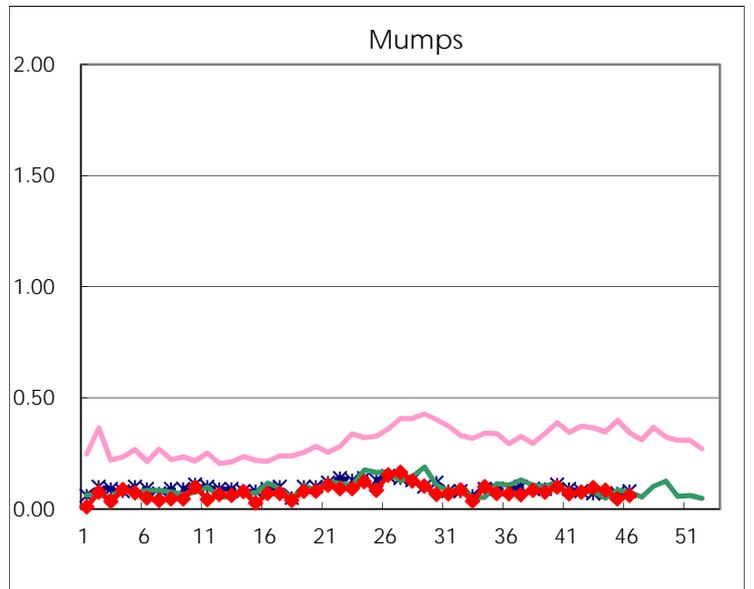
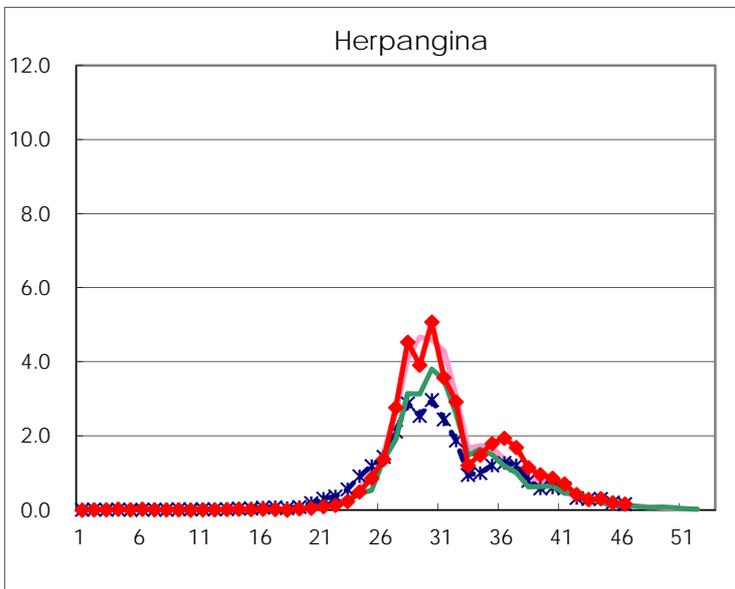
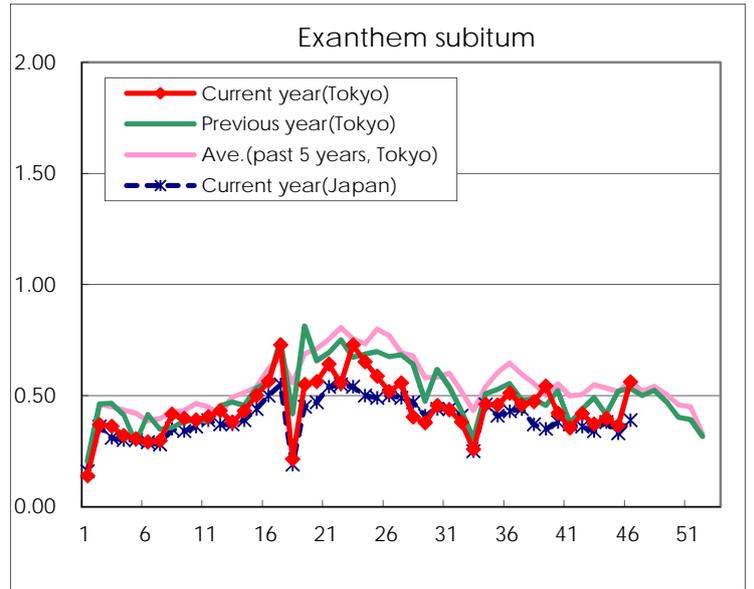
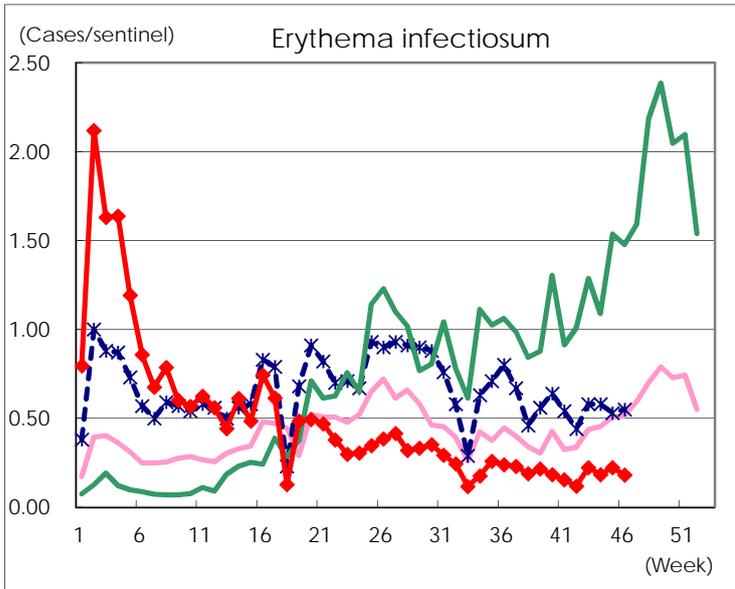
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

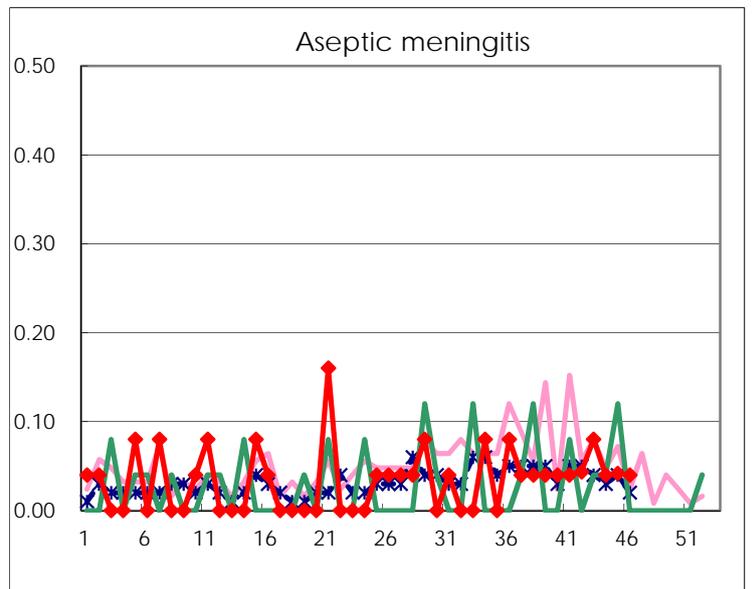
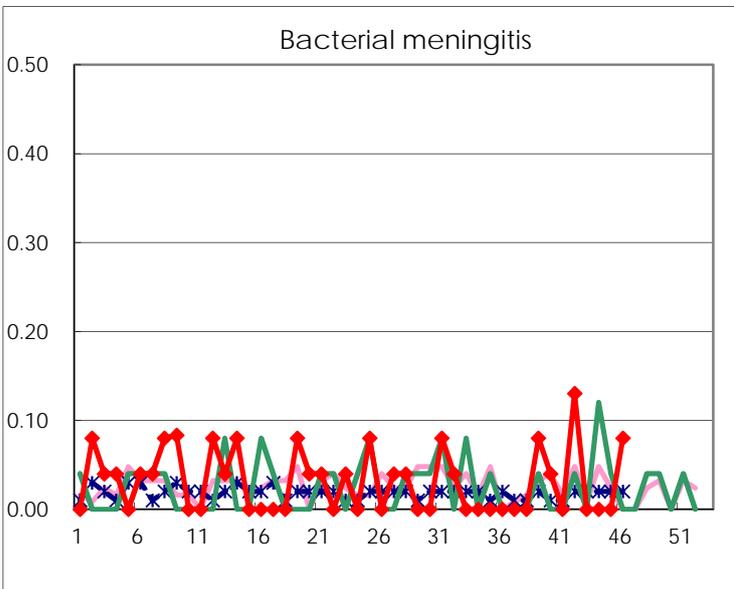
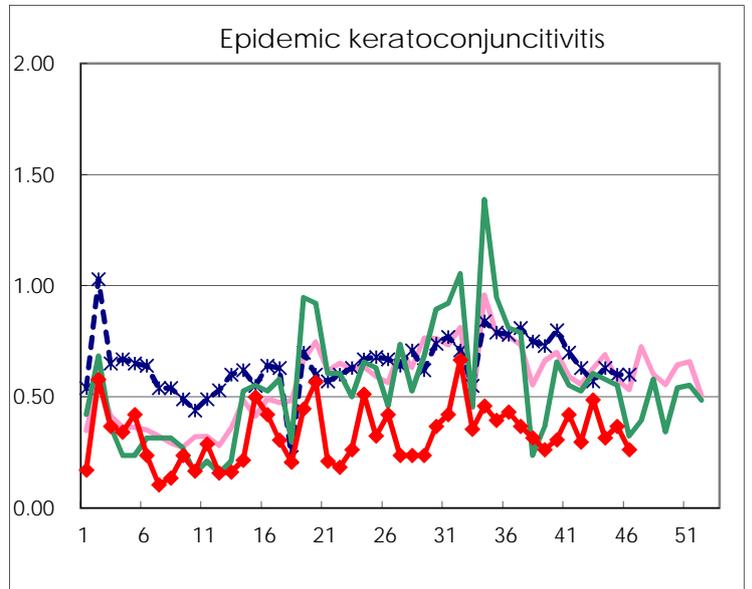
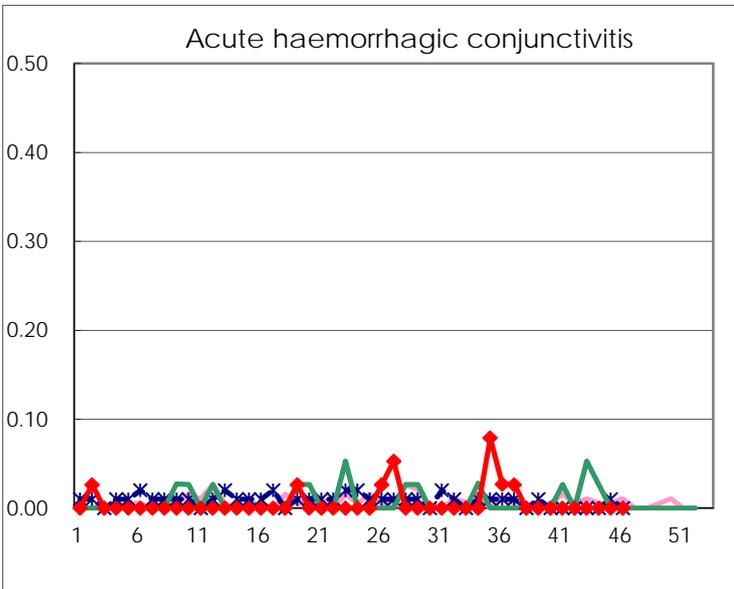
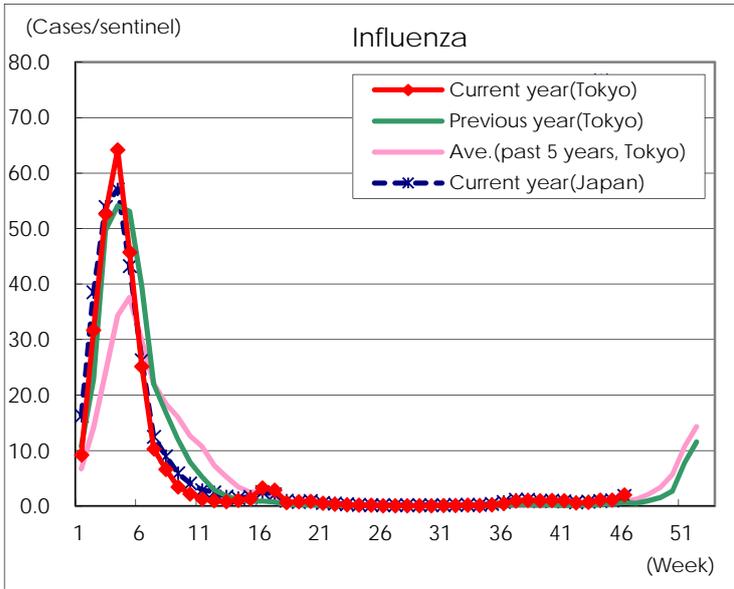
Diseases	Tokyo				
	43rd	44th	45th	46th	/sentinel
Respiratory syncytial virus infection	87	72	70	62	0.24
Pharyngoconjunctival fever	73	77	79	101	0.39
Group A streptococcal pharyngitis	491	585	489	723	2.78
Infectious gastroenteritis	887	990	986	1,312	5.05
Chickenpox	83	105	72	124	0.48
Hand, foot, and mouth disease	453	528	491	417	1.60
Erythema infectiosum	58	48	58	47	0.18
Exanthem subitum	97	104	95	146	0.56
Herpangina	75	80	51	43	0.17
Mumps	25	22	12	16	0.06
Kawasaki disease	5	3	5	1	
Cold with exanthems	15	17	9	11	0.04
Influenza	284	461	460	828	2.01
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	18	12	14	10	0.26
Bacterial meningitis				2	0.08
Aseptic meningitis	2	1	1	1	0.04
<i>Mycoplasma pneumoniae</i>	18	14	24	23	0.92
Chlamydial pneumonia (excluding psittacosis)	1	1		2	0.08
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations	3	1	5	2	0.08

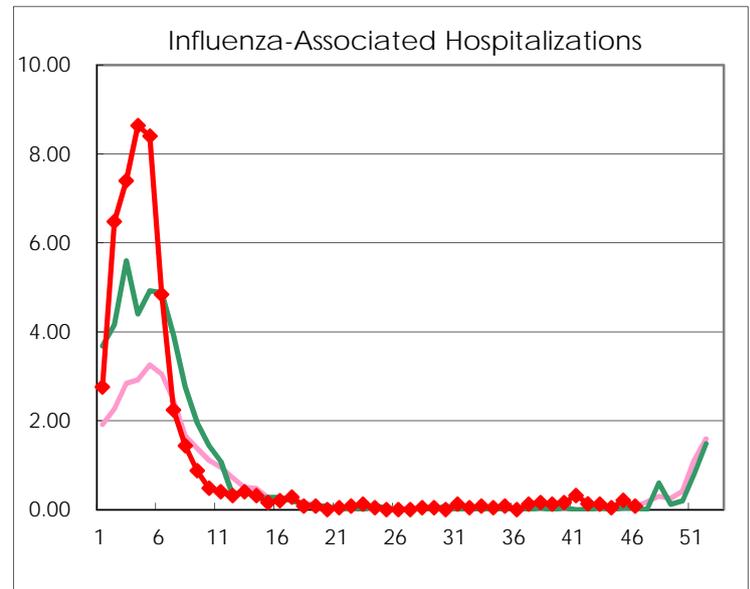
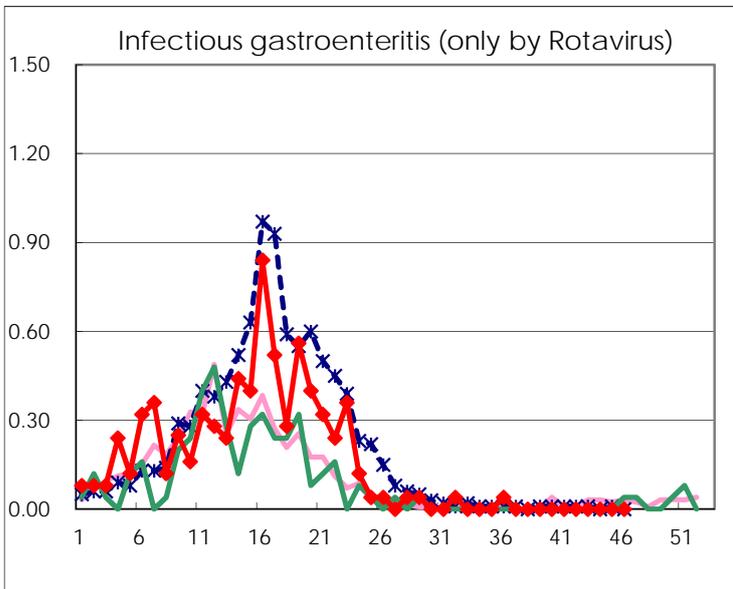
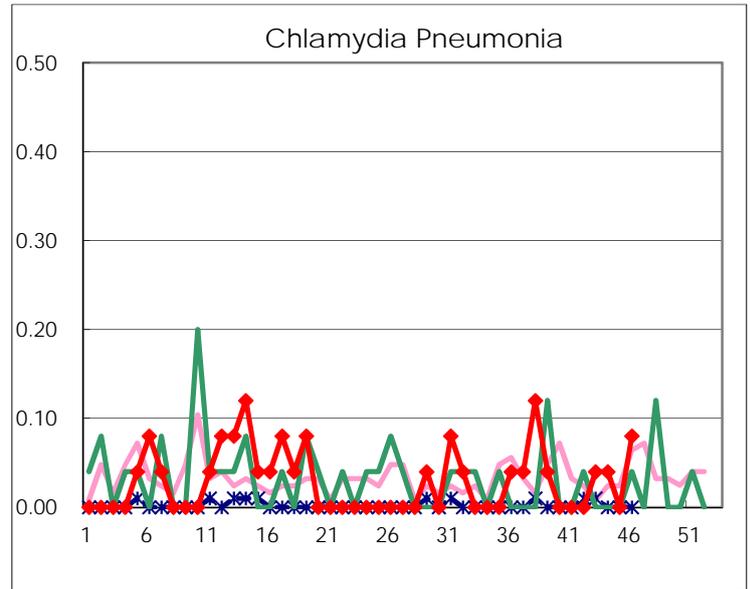
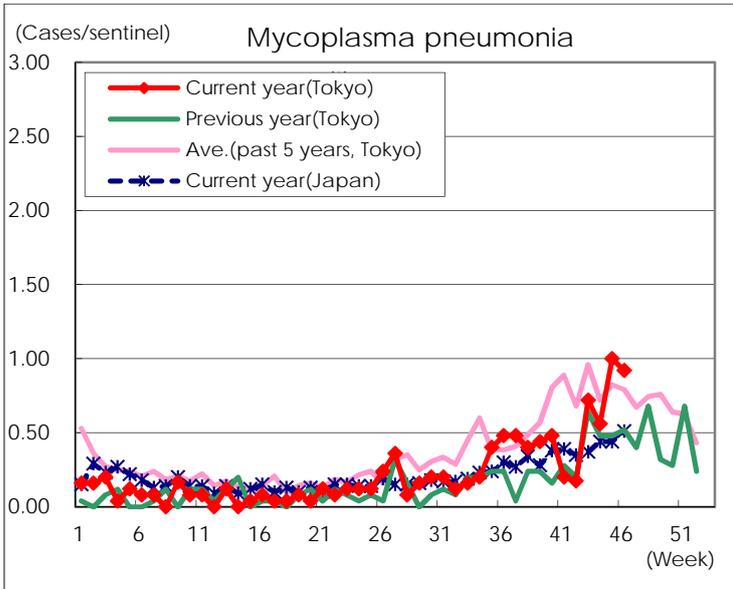
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	260
Influenza	419	412
Ophthalmic	39	38
Specially-designated	25	25